


|   |   |  |
|---|---|--|
| Declaration of Performance Ident.- N°:  |   | 01-300-09-1-1/3  |
| <b>JUWÖ Poroton-Werke</b><br><b>Ernst Jungk &amp; Sohn GmbH</b><br><b>D-55597 Wöllstein</b> |   |  |
| 2018  |   |  |
| 2510-CPR-366  |   |  |
| EN 771-1 : 2011 + A1: 2015  |   |  |
| LD vertically perforated clay masonry unit, Category I                                      |   |  |
| <b>248 x 300 x 249 mm</b>   |   |  |
| Intended use: Clay masonry unit for loadbearing and non-loadbearing protected masonry       |   |  |
| Dimensional tolerance (mm)  | Mean value<br>Tm (mm)                         | Length: -10, +5  |
|   |   | Width: -10, +8   |
| Range:<br>Rm (mm)   |   | Height: ± 1,0  |
|   |   | Length: 10   |
|   |   | Width: 10  |
|   |   | Height: 1,0  |
|   |   |  |
|   |   |  |
| Flatness of bed faces mm  | <= 1,0  |  |
| Plane parallelism of bed faces mm   | <= 1,0  |  |
| Configuration   | 5.2.2.1 d                                     |  |
| Compressive strength (Mean Value)<br>N/mm <sup>2</sup>                                      | >= 10,0                                       |  |
| Gross dry density (Mean value)<br>kg/m <sup>3</sup>   | 580   |  |
| Gross dry density (Range Dm) kg/m <sup>3</sup>  | 530 - 630                                     |  |
| Net dry density (Mean value) kg/m <sup>3</sup>  | <= 1390                                       |  |
| Thermal conductivity lambda<br>(W/mK)   | NPD see additional manufacturer's information |  |
| Durability against freeze/thaw  | F0  |  |
| Shear Bond Strength (Tabled values acc.to DIN EN 998-2, Annex. C)<br>N/mm <sup>2</sup>      | NPD   |  |
| Active soluble salts content  | Class S0                                      |  |
| Reaction to fire  | Class A1                                      |  |
| Water vapour permeability t μ   | 5 / 10  |  |



01-300-09-1-1

# ThermoPlan S 9

## S 300/9

### λ 0,090 W/(mK)



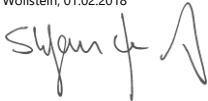
BB/202/2608/040-00-P-B/2608



Additional manufacturer's information

According approval Z-17.1-1013

|   |                     |
|---|---------------------|
| Product type  | ThermoPlan S 9      |
| Article N°  | 01-300-09-1-1       |
| Article name  | S 300/9             |
| Compressive strength (class)                                      | 8                   |
| Class of gross density kg/dm <sup>3</sup>                         | 0,60                |
| Thermal Conductivity lambda W/(mK)                                | 0,090               |
| Permitted Compressive Stress - refer to General Building Approval |                     |
| Klasse van vrostbestandheid                                       | niet gecertificeerd |
| Initial rate of water absorption                                  | NPD                 |

| DECLARATION OF PERFORMANCE (DOP)   |  |  |  |                                    |
|--|--|--|--|------------------------------------|
| 01-300-09-1-1/3  |  |  |  |                                    |
| <b>1. LD vertically perforated clay masonry unit, Category I</b><br>248 x 300 x 249 mm<br>Article 01-300-09-1-1  | <b>7. Declared performance</b>   |  |  |                                    |
|  | Essential characteristics  |  | Performance  | Harmonised technical specification |
| <b>2. Clay masonry unit for loadbearing and non-loadbearing protected masonry</b>  | Work size  | LxBxH (mm)                                 | <b>248</b> <b>300</b> <b>249</b>                       | EN 771-1                           |
|  | Dimensional tolerance (mm)   | Mean value                                 | L: -10, +5      B: -10, +8                             |                                    |
|  |  | Tm (mm)                                    | H: ± 1,0   |                                    |
|  |  | Range:                                     | L: 10      B: 10                                       |                                    |
|  | Rm (mm)  | H: 1,0                                     |  |                                    |
|  | Configuration  |  | 5.2.2.1 d  |                                    |
| <b>3. JUWÖ Poroton-Werke</b><br>Ernst Jungk & Sohn GmbH<br>Ziegelhüttenstr. 40 - 42<br>D-55597 Wöllstein   | Compressive strength   | Category                                   | LD vertically perforated clay masonry unit, Category I |                                    |
|  |  | Mean value                                 | >= 10,0 N/mm <sup>2</sup>                              |                                    |
|  |  | Direction of load                          | Vertical to the horizontal joint                       |                                    |
| <b>4. Not applicable</b>   | Moisture movement  |  | NPD  |                                    |
|  | Flatness of bed faces mm   |  | <= 1,0   |                                    |
|  | Plane parallelism of bed faces mm  |  | <= 1,0   |                                    |
|  | Active soluble salts content   |  | Class S0   |                                    |
|  | Reaction to fire   |  | Class A1   | EN 771-1                           |
|  | Water absorption (% by mass)   |  | NPD  |                                    |
|  | Water vapour permeability t μ  |  | 5 / 10   | EN 1745                            |
| <b>5. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: System 2+</b> | Gross dry density  | Mean value (kg/m <sup>3</sup> )            | 580  | EN 771-1                           |
|  |  | Tolerance category Dm (kg/m <sup>3</sup> ) | 530 - 630  |                                    |
|  | Net dry density (Mean value) kg/m <sup>3</sup>   | <= 1390                                    |  |                                    |
| <b>6. Harmonized standard:</b><br>EN 771-1: 2011 + A1:2015<br>Notified body:<br>NB 2510 (CERT Baustoffe GmbH)  | Thermal conductivity lambda (W/mK)   |  | NPD see additional manufacturer's information          | EN 1745                            |
|  | Durability against freeze/thaw / Shear Bond Strength (Tabled values acc.to DIN EN 998-2, Annex. C) N/mm <sup>2</sup>   |  | F0 / NPD   | EN 771-1                           |
|  | Dangerous substances   |  | NPD  |                                    |
|  | The performance of the above product is equal to the declared performance. In accordance with Regulation (EU) No 305/2011 only the above manufacturer is responsible for the declaration of performance<br><br>Signed for the manufacturer and on behalf of the manufacturer<br><br>Wöllstein, 01.02.2018<br><br><br><br>Dipl.-Kfm. Univ. Stefan Jungk<br>(Geschäftsführer, CEO, PDG) |  |  |                                    |